

AMENDMENTS TO THE CLAIMS

The listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims

1-24. (Cancelled)

25. (New) A display device comprising:

a display panel having a display area for displaying images;

a backlight device coupled to the display panel, including:

a circuit board;

a plurality of light sources distributed on the circuit board with a light distribution surface area; and

a device case enclosing the plurality of light sources, wherein the device case comprises a plurality of sidewalls having an inner surface configured to reflect light from the plurality of light sources, wherein each sidewall of the device case and the circuit board form an angle in the range of about 60 degrees to less than 90 degrees; and

at least one light-diffusing plate optically coupled between the plurality of light sources and

the display panel, the at least one light-diffusing plate having a light incidence area for receiving light from the plurality of light sources, wherein the light incidence area of the at least one light-diffusing plate is substantially equal to the display area, and the light distribution surface area is greater than the light incidence area.

26. (New) The display device according to claim 25, wherein the display area has a width 'A' and a length 'B';

each one of the plurality of light sources is separated from adjacent light sources by a pitch ‘G’;

and

the light distribution surface area ‘S’ is confined to the range defined by $(A+G) \times (B+G) \leq S \leq (A+3G) \times (B+3G)$.

27. (New) The display device according to claim 25, wherein the display panel is a liquid crystal display panel.

28. (New) The display device according to claim 25, wherein the plurality of light sources are light-emitting diodes.

29. (New) The display device according to claim 25, wherein the plurality of light sources are distributed in an array.

30. (New) The display device according to claim 25, wherein a portion of at least one of the plurality of sidewalls of the device case is curved.

31. (New) The display device according to claim 25, wherein the inner surface of at least one of the plurality of sidewalls of the device case is configured to scatter light within the device case.

32. (New) A display device comprising:

a display panel having a display area for displaying images;

a backlight device coupled to the display panel, including:

a circuit board;

a plurality of light sources distributed on the circuit board with a light distribution surface area; and

a device case enclosing the plurality of light sources, wherein the device case comprises a plurality of sidewalls having an inner surface configured to reflect light from the plurality of light sources, wherein each sidewall of the

device case and the circuit board form an angle in the range of about 60 degrees to less than 90 degrees; and wherein the light distribution surface area is greater than the display area.